

## Project Management Professional PMP<sup>®</sup>

### Objectives

From the Pyramids of Giza to the Placement of the International Space Station into Earth's orbit, Project Management were the magic tool used during hundreds of years to deliver fascinating products. During the last few decades, the Project Management evolved into a recognized profession, and PMI<sup>®</sup> developed and published A Guide to the Project Management Body of Knowledge (*PMBOK<sup>®</sup> Guide*) that describes the knowledge within the profession of project management and includes proven traditional practices as well as innovative practices that are emerging in the profession.

This course will present and discuss in detail the *PMBOK<sup>®</sup> Guide* with focus on helping the attendees to set for the Project Management Professional *PMP<sup>®</sup>* certification Exam.

### Who should attend?

- Professionals seeking comprehensive knowledge on Project Management
- Professionals seeking PMP<sup>®</sup> certification from PMI<sup>®</sup>

### Duration

Thirty-Five (35) hours of formal Project Management education needed as a prerequisite of the PMP<sup>®</sup> Credential.

### Language

The course material is delivered in English. It could be supplied in different languages upon request

### Certificate

Participants will receive attendance certificates upon the completion of the workshop. Participants will be awarded 35 Contact hours needed to complete the requirements to set for the PMP<sup>®</sup> Exam.

Please note that the participants will pursue the examination and certification process independently and individually. The trainer will be ready to offer advice.

## Topics Covered:

- Introduction
  - Overview and Purpose of this Guide
  - Foundational Elements
- The environment in which projects operate
  - Overview
  - Enterprise Environmental Factors
  - Organizational Process Assets
  - Organizational Systems
- The role of the project manager
  - Overview
  - Definition of a Project Manager
  - The Project Manager's Sphere of Influence
  - Project Manager Competences
  - Performing Integration
- Project integration management
  - Develop Project Charter
  - Develop Project Management Plan
  - Direct and Manage Project Work
  - Manage Project Knowledge
  - Monitor and Control Project Work
  - Perform Integrated Change Control
  - Close Project or Phase
- Project Scope Management
  - Plan Scope Management
  - Collect Requirements
  - Define Scope
  - Create WBS
  - Validate Scope
  - Control Scope
- Project schedule management
  - Plan Schedule Management
  - Define Activities
  - Sequence Activities
  - Estimate Activity Durations
  - Develop Schedule

- Control Schedule
- Project cost management
  - Plan Cost Management
  - Estimate Costs
  - Determine Budget
  - Control Costs
- Project quality management
  - Plan Quality Management
  - Manage Quality
  - Control Quality
- Project resource management
  - Plan Resource Management
  - Estimate Activity Resources
  - Acquire Resources
  - Develop Team
  - Manage Team
  - Control Resources
- Project communication management
  - Plan Communications Management
  - Manage Communications
  - Monitor Communications
- Project risk management
  - Plan Risk Management
  - Identify Risks
  - Perform Qualitative Risk Analysis
  - Perform Quantitative Risk Analysis
  - Plan Risk Responses
  - Implement Risk Responses
  - Monitor Risks
- Project procurement management
  - Plan Procurement Management
  - Conduct Procurements
  - Control Procurements
- Project stakeholder management
  - Identify Stakeholders
  - Plan Stakeholder Engagement

- Manage Stakeholder Engagement
- Monitor Stakeholder Engagement
- Agile, Iterative, Adaptive, and Hybrid project environments
  - The Continuum of Project Life Cycles
  - Project Phases
  - Process groups in adaptive environments
- Introduction to the Agile practice guide
- Professional & Social responsibility
  - PMI® Code of Professional Conduct